

PROJECT APPRAISAL REPORT (PAR)

PD-AAC-052-D1

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1. PROJECT NO. 664-11-130-276	2. PAR FOR PERIOD: January 1974 TO December 1975	3. COUNTRY TUNISIA	4. PAR SERIAL NO. 5p
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Accelerated Livestock Production

6. PROJECT DURATION: Began FY 1971 Ends FY 1980	7. DATE LATEST PROP 12/11/70	8. DATE LATEST PIP	9. DATE PRIOR PAR 7/5/74
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ 1,117,000	b. Current FY Estimated Budget: \$ 275,000	c. Estimated Budget to completion After Current FY: \$ 1,610,000
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME U.S. Department of Agriculture	b. CONTRACT, PASA OR VOL. AG. NO. AFR (AJ) 04-72
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1. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
	X		1. Approval of the revised PP submitted to AID/W on 11/27/1975.	January 1976
	X		2. Replacement of the Forage Agronomist who departed post on 12/20/75.	February 1976
X	X		3. Recruit forage seed production expert and farm management economist.	July 1976
X	X		4. Maintain currently established participant training schedule.	Continuous

A.I.D.
Reference Center
Room 1656 NS

D. REPLANNING REQUIRES PROP PIP PRO AG PIO/T PIO/C PIO/P E. DATE OF MISSION REVIEW

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE **Douglas W. Butchart** MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE **Ullmont L. James** **January 12, 76**
 AGR: CEFerguson PPS: RDCar1son TR: IMc...

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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)					
	UNSATIS. FACTORY		SATISFACTORY			OUT. STANDING		LOW		MEDIUM		HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5	
1. U.S. Department of Agriculture (PASA)					X								X
2.													
3.													

Comment on key factors determining rating

The team of three advisors were on the job throughout the entire reporting period and performed at a very satisfactory level. They are a suitably qualified, effective group of technical advisors.

4. PARTICIPANT TRAINING					X									X
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Comment on key factors determining rating

The participant training program was on schedule throughout this appraisal period. There were nine long-term academic training participants in the USA during part of the period, five of which successfully completed their training and returned to the project activity. Five short-term training participants were sent to the USA for two months as scheduled.

5. COMMODITIES				X								X	
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Comment on key factors determining rating

Considerable improvement in clearance of commodities through customs by the GOT as well as project budget purchase of locally available commodities, since preparation of the last PAR. Only relatively minor problems now being experienced. Beyond normal 9 month lag in procurement of US purchased commodities has caused some implementation delays when commodity arrival was unduly late.

6. COOPERATING COUNTRY	a. PERSONNEL					X								X
	b. OTHER					X								X

Comment on key factors determining rating

a) The relatively high rating for "personnel" is based on the quality of the individuals supplied. Although inexperienced, sufficient numbers of bright, energetic and enthusiastic young technicians have been assigned to the project activity by the GOT in a timely manner.

b) "Other" refers to the GOT supplying a "Trust Fund Budget" to the USAID for vehicles and American technician support. GOT performance for this project has been very satisfactory during this appraisal period.

7. OTHER DONORS					X									X
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(See Next Page for Comments on Other Donors)

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11. 7. Continued: Comment on key factors determining rating of Other Donors
 There were some 20 different foreign assistance projects addressing problems of the live-stock sub-sector during this appraisal period. These projects were sponsored by 8 bi-lateral donors other than AID and by several international organizations. About half of these projects are devoted specifically and exclusively to livestock. Active and successful coordination of all livestock activities is an extremely complex task but the GOT is making good progress with the attention and planning necessary to accomplish that task. There has been concern about overlap between some projects although this review found no conflict with the USAID/GOT activity but rather that all projects are complementary.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMU-LATIVE PRIOR FY	CURRENT FY		FY 77	FY 78	END OF TARGET
			TO DATE	TO END			
1. Trained Tunisian personnel on the job: <u>M.S.</u> <u>Short-term</u>	PLANNED	0 10	2 0	6 5	3 10	3 10	18 50
	ACTUAL PERFORMANCE	0 10	4 0				
	REPLANNED						
2. Forage Plantings: <u>Farms</u> <u>Hectares</u>	PLANNED	2700 5200	1500 1450	2100 1600	3400 2400	4000 2600	20,950 17,600
	ACTUAL PERFORMANCE	2700 5200	1500 1150				
	REPLANNED						
3. Improved cattle feeding techniques used by livestock farmers; number of farmers participating/yr.	PLANNED	410	62	85	100	130	1150
	ACTUAL PERFORMANCE	410	62				
	REPLANNED						
4. Better use of irrigation: <u>Hectares/year</u>	PLANNED	2000 500	435 375	600 450	900 1000	1000 3000	6800 18450
	ACTUAL PERFORMANCE	2000 500	435 375				
	REPLANNED						
5. Expanded forage seed production: <u>Metric tons/year</u>	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT:					
Thirteen Governorat regional offices staffed with requisite production technicians.		The target is to develop a minimum of thirteen Governorat production chiefs and one hundred production technicians. There are seven potential production chiefs in long-term academic training in the USA and thirty-four production technicians undergoing on-the-job training in Tunisia.					
Technical backstop and in-service training capabilities in place in headquarters office.		COMMENT: Currently there are two subject matter specialists recently returned from long-term academic training in the USA and three more scheduled for a total of five needed for technical backstop and in-service training by end of project.					
Continued availability of updated feed production and utilization technology and in-country production of forage seed to meet requirements.		COMMENT: Uniform recommendations to farmers for forage production and feed utilization with the introduction of economic considerations into technology development and application are being developed and disseminated. Forage seed production will be increased rapidly when planned for specialist arrives and implements production program.					

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged. 2. Same as in PROP? YES NO

To develop GOF capability to reach the small livestock farmer with modern technology in forage production, feed utilization, and livestock management.

(Purpose as stated in the revised PP submitted to AID/W on 11/27/75)

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. Five subject matter specialists and thirteen Governorat production chiefs trained and on the job.	1. There are two subject matter specialists and three production chiefs recently returned from academic training in the USA. There are four production chiefs presently enrolled in U.S. universities, one of the four will return to Tunisia during this fiscal year and three additional during FY 1977.
2. One hundred production technicians trained.	2. Thirty-four production technicians presently undergoing in-country on-the-job training.
3. An average of 1000 farm demonstrations per year.	3. Three hundred and thirty-five farm feeding and forage production demonstrations being carried out during this fiscal year. Over 2000 performed since project started.
4. A production handbook for livestock agents giving uniform cultural practices for forages and forage seed and recommendations for feed utilization along with economic considerations of all technology.	4. This output has been partially accomplished with all recommendations being improved as experience and research findings dictate. Economic considerations will be introduced during FY 1977. (continued on page 4a)

V. PROGRAMMING GOAL

A. Statement of Programming Goal

To increase the production and income of the small farmer.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Agriculture plays a key role in the Tunisian economy. Not only does it account for 40 percent of employment, it also is a major determination through its impact on the balance of payments, on the supply of inputs for industry, and on the demand for goods and services, and of what happens in other sector. Within this key sector, livestock is the second most important sub-sector, following closely after cereals. About one quarter of the total value of agricultural production is derived from livestock. Moreover, the income generating effects of livestock production are widespread among the farm population. Assistance to the livestock sub-sector is an especially suitable means of reaching lower income groups because livestock farmers in Tunisia typically are small operators. In a survey conducted in the 7 northern governorats in 1974 it was shown that nearly three-fourths of all farms had cattle and/or sheep. Eighty percent of those farms had less than 5 hectares. Similarly, 83 percent of the farms with cattle owned 10 or less head. Forage and livestock production is also a means of improving

(continued on page 4a)

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

B. 1. Conditions which will exist when above purpose is achieved.

(continued from page 4)

5† Eight thousand metric tons of forage seed produced per year.

6† 13 regional agents reporting production data and one headquarters subject specialist using an analysis system which has been developed.

2. Evidence to date of progress toward these conditions.

(continued from page 4)

5† Only token demonstration production to date as production phase awaits forage seed specialist arrival during next fiscal year.

6† Awaiting approval and recruitment of farm management economist to implement.

* Not part of project to date but proposed in the new revised PP submitted to AED/W on 11/27/75.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

(continued from page 4)

utilization of marginal land resources and poorer land tends to be in the hands of poorer farmers.